



<u>IN THE UNITED STATES PATENT AND TRADEMARK OFFICE</u>

In re application of:

Chang-Jun AHN

Serial No.:

10/582,815

Filing Date:

June 14, 2006

For:

TRANSMITTER, RECEIVER, TRANSMITTING METHOD,

RECEIVING METHOD, AND PROGRAM

Attorney Docket No.:

60,233-032

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97 AND 1.98

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to Rule 97 and in compliance with Rule 56, Applicant hereby makes of record the items listed on the attached Form SB/08. Copies of the foreign and miscellaneous reference are enclosed.

None of these item(s) disclose the inventive concepts claimed in the subject application.

Should there be a fee associated with this document, please charge it to Deposit Account No. 08-2789.

Respectfully submitted,

HOWARD & HOWARD ATTORNEYS, P.C.

July 24, 2006

Date

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CERTIFICATE OF EXPRESS MAILING

I hereby certify that the enclosed INFORMATION DISCLOSURE STATEMENT is being deposited with the United States Postal Service as Express Mail, postage prepaid, in an envelope as "Express Mail Post Office to Addressee," Mailing Label No. <u>EV695478130US</u> and addressed to Commissioner for Patents, P.O. 1450, Alexandria, Virginia 22313-1450 on July 24, 2006.

Macy Smith
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PTO/SB/08A (08-03) (modified)
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Substitute for form 1449A/PTO				Complete if Known		
				Application Number	10/582,815	
IN	FORMATION D	nsci	OSURE	Filing Date	June 14, 2006	
STATEMENT BY APPLICANT				First Named Inventor	Chang-Jun AHN	
3	IAILMLMIDI	~! ·	LICANI	Art Unit	Not Yet Assigned	
	(use as many sheets a	as neces	sary)	Examiner Name	Not Yet Assigned	
Sheet	1	of	2	Attorney Docket Number	60,233-032	

	U.S. PATENT DOCUMENTS							
Examiner Initials	Cite No. ¹	U.S. Patent Document Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			

	FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₆		
	1	WO 2005/062509 A1	07-07-2005	National Institute of Information and Communications Technology				
	2	PCT/JP2003/016275	12-18-2003	Communications Research Laboratory				
	3	JP Abstract 2002-185428	06-28-2002	Symbol Technologies				
	4	JP Abstract 2001-285242	10-12-2001	Seiko Epson Corp				
	5	JP Abstract 10-107761	04-24-1998	Jisedai Digital Television Hoso Syst				

Examiner	Date	
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	(use as many	sheets as nece	essary)	Examiner Name	Not Yet Assigned		
Sheet	2	of	2	Attorney Docket Number	60,233-032		

	NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²		
		Article from Technical Report of IEICE, October 2002 entitled Convolutional Coded Coherent and Differential Unitary Space-Time Modulated OFDM with Bit Interleaving for Multiple Antennas System			
		Article from Technical Report of IEICE, January, 2003 entitled LDPC Coded Unitary Space-Time Modulated OFDM in Broadband Mobile Channel			
		Article from IEEE Transactions of Information Theory, March, 2000 entitled <i>Unitary Space-Time Modulation for Multiple-Antenna Communications in Rayleigh Flat Fading</i>			

	Date Considered
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